

Title:

Certificate of Analysis (CoA)


Date: 9/26/2026

Date Tested: 9/24/2026

Customer: Encore Aminos

Testing material: Thymosin Alpha 1

Lot Number: VD DB CG AC

Sample ID: BTL261620-027

Content/Potency: 10 mg

Storage: R.T.

Visual Description: Small clear vial: white sample, white label, silver crimp, clear pink plastic cap.

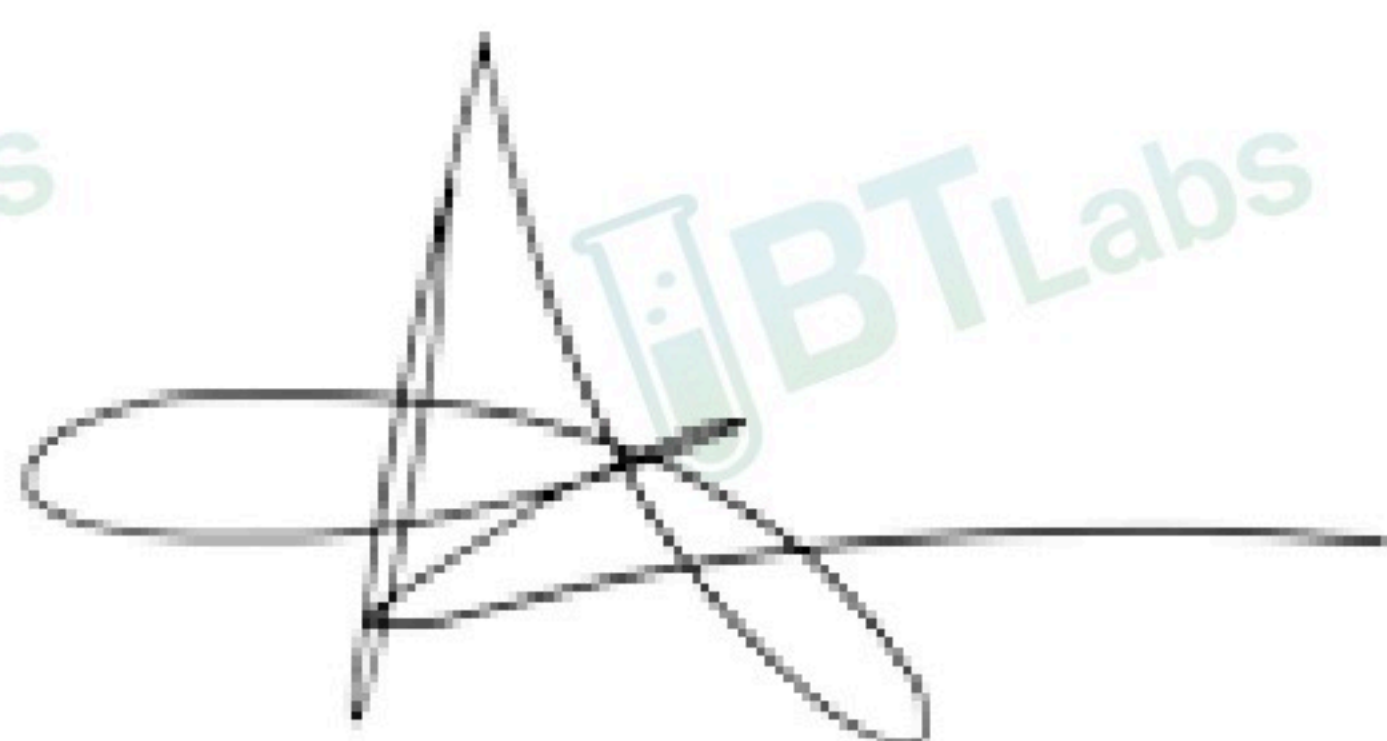
Labeled as: Thymosin Alpha 1

Manufacturer: Encore Aminos

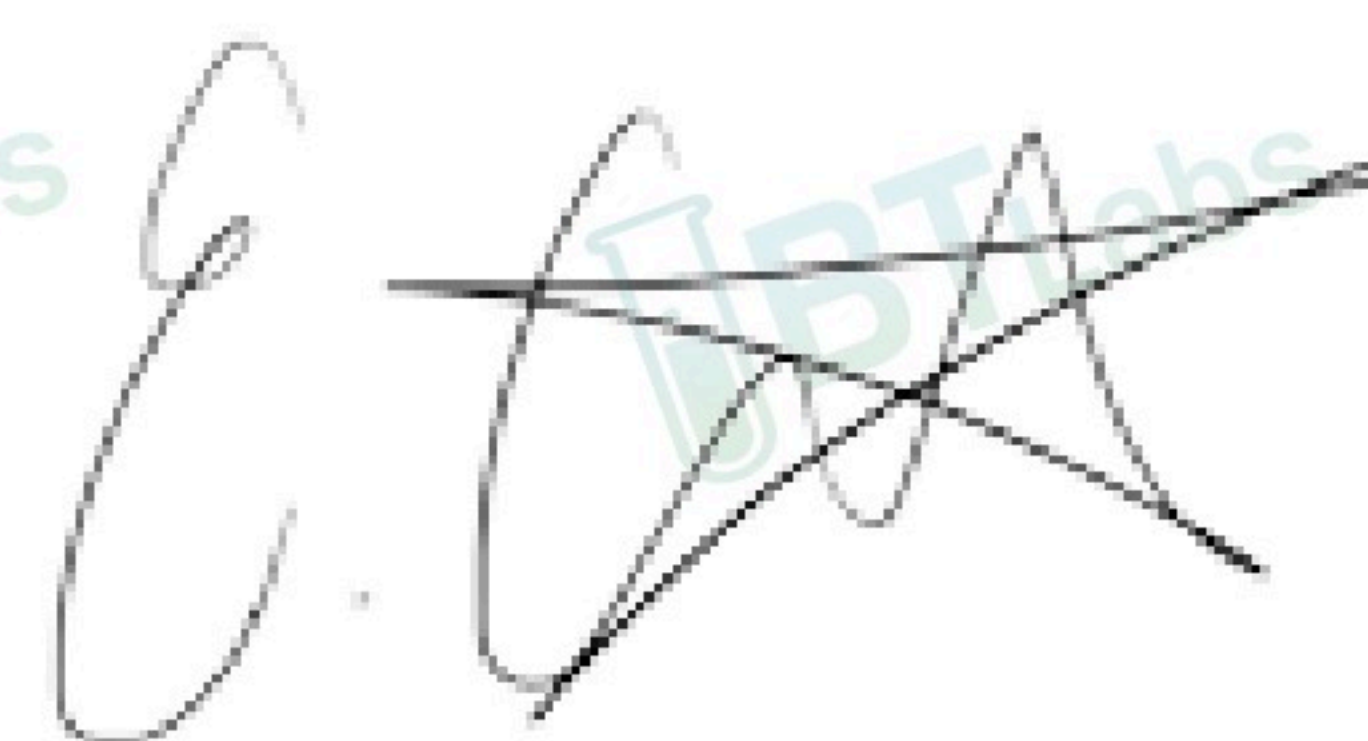
Testing Purpose: FTIR and HPLC analysis for the identification, purity, potency and composition of a peptide product. It does not provide information on particulate matter, microbial contamination or presence of endotoxins.


Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	66.5 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of peptide via characteristic bands	FTIR sample spectrum confirms the presence of Thymosin Alpha 1 with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.4 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	9.1 mg (90.9 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	9.1 : 57.4 mg (1:6.3)

The results of the CoA relate only to the item(s) tested and applied to the sample as received.



Andrea Castro, BS
Scientist-II
BTLabs



Escarlet Cabrieles, BS
Scientist-II
BTLabs

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407

Phone: (561) 625-0133

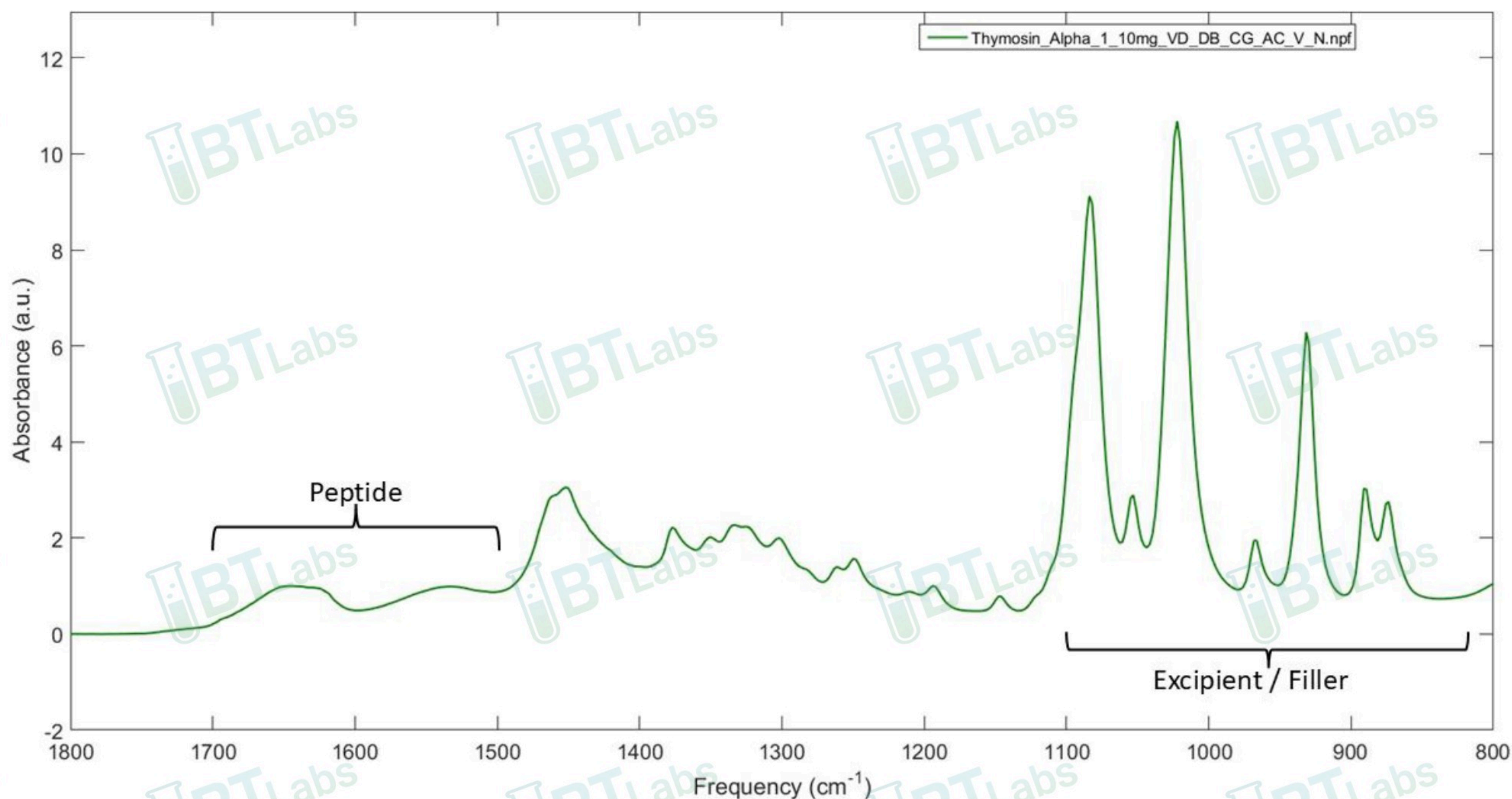
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

Title:

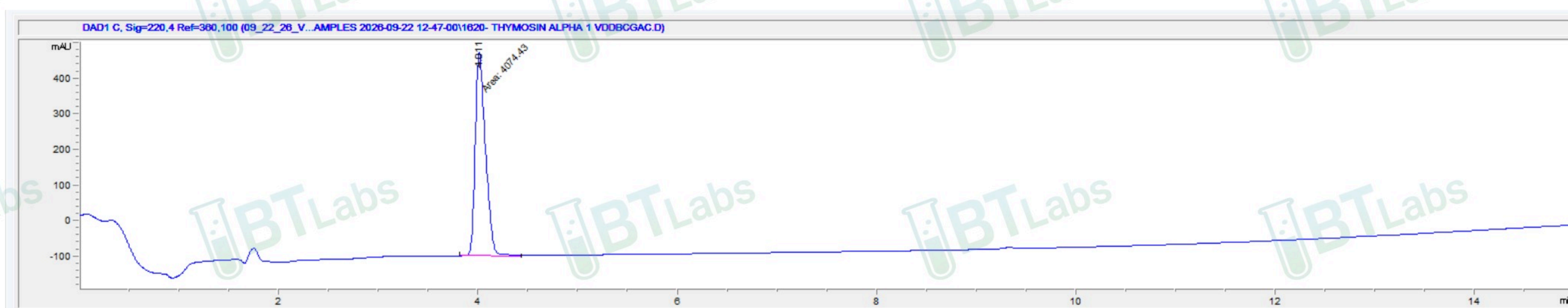
Certificate of Analysis (CoA)



FTIR ID and Composition Analysis: Thymosin Alpha 1 Lot VD DB CG AC



HPLC Purity and Potency Assay @ 220 nm: Thymosin Alpha 1 Lot VD DB CG AC



Thymosin Alpha 1 Lot VD DB CG AC @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	4.011	4074.4

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407

Phone: (561) 625-0133

E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>